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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/807,686	03/24/2004	Sandeep Relan	15487US01	4413
23446	7590	03/28/2005	EXAMINER	
MCANDREWS HELD & MALLOY, LTD 500 WEST MADISON STREET SUITE 3400 CHICAGO, IL 60661			BLOUNT, STEVEN	
			ART UNIT	PAPER NUMBER
			2661	

DATE MAILED: 03/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/807,686

Applicant(s)

RELAN ET AL.

Examiner

Steven Blount

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 27 July 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 - 22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 - 22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

1. Claim 11 is objected to because of the following informalities: In line 4, the word "wirelessnetwork" should be two words. Appropriate correction is required.

### *Claim Rejections - 35 USC § 103*

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 – 4, 7 – 13, and 16 – 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over US patent application publication 2002/0094777 to Cannon et al.

With regard to claim 1, Cannon teaches receiving a request to access a computer network, via the use of a password and GPS coordinates. See paragraphs 39 and 40. Cannon al also teach determining whether the mobile is within a predetermined location in paragraph 40, lines 5+ and granting access if the coordinates are acceptable, and denying otherwise. Although Cannon et al do not explicitly teach the wireless network (LAN, see abstract) to be a computer network, the examiner believes that one of ordinary skill in the art would find it obvious to support computers on a LAN such as that described in Cannon et al (if not practically any LAN, for that matter).

With regard to claim 2, the GPS mentioned in page 2 par 20 and described in par 28 is a wireless network (of satellites and their groundstations) used to determine the location of the mobile terminal.

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With regard to claim 3, see the discussion of GPS above.

With regard to claim 4, see the discussion of the use of a password above.

With regard to claim 7, see the above, and further note that the instructions needed to operate this system would be obvious to have stored in a computer readable medium.

With regard to claim 8 – 12, see the discussion of the rejection of the claims above.

With regard to claim 13, the location of the terminal is determined based on the password in that the terminal must be within range of the server in order for it to be received properly.

With regard to claim 16, see figure 1, wherein the server 200 is shown, note the discussion of GPS above, and again note that it would be obvious to have computers used in the LAN.

With regard to claims 17 – 19, see the rejections above where all of the elements are discussed.

With regard to claim 20, the mobile unit can be considered to be the client in this instance.

4. Claims 5 – 6, 14 – 15, and 21 – 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over US patent application publication 2002/0094777 to Cannon et al as applied to claims 1 – 4, 7 – 13, and 16 – 20 above, and further in view of the Applicants Admitted Prior Art (AAPA).

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With regard to claims 5 – 6, 14 – 15, and 21, Cannon et al teach the invention as described above, but do not teach using a time varying randomly generated password.

This is taught in the admitted prior art, page

2 (“some computer systems use a time varying randomly generated password for each authorized user”).

It would have been obvious to one of ordinary skill in the art to have generated/displayed a randomly generated, time varying password for each user in Cannon et al, in light of the teachings of AAPA, in order to provide a means for further enhancing the security of the system in Cannon et al.

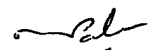
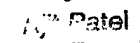
With regard to claim 22, see the rejection of claim 13 above.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven Blount whose telephone number is 571 - 272 - 3071. The examiner can normally be reached on M-F 9:00 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Chau Nguyen, can be reached on 571 – 272 - 3126. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
**Ajit Patel**  
**Primary Examiner**  
  
**Primary Examiner**

SB

  
2/9/05